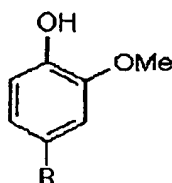


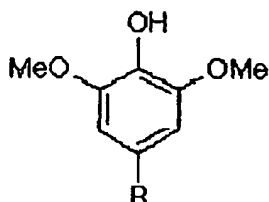
What is claimed is:

1. Pharmaceutical composition comprising the guaiacol family compounds shown by the following formula 1 and the syringol family compounds shown by the following formula 2, extracted from the natural plant vinegar,

Formula 1



Formula 2



- 10 where, in the formulas 1 and 2, R is hydrogen, alkyl, oxoalkyl or alkenyl.

2. Pharmaceutical composition according to claim 1,  
wherein contents of the guaiacol family compounds and the syringol family compounds are respectively  $10^{-6}$  to 90 weight% and  $10^{-6}$  to 90 weight% by weight based  
15 on the total weight of the compound.

3. Pharmaceutical composition for treating oxidative toxicity comprising the guaiacol family compound shown by the formula 1 of claim 1 and the syringol family compounds shown by the formula 2 of claim 1, extracted from natural plant

vinegar.

4.      Pharmaceutical composition according to claim 3,  
wherein pharmaceutical composition is used to prevent or treat stroke,  
5    parkinson's disease, heart disease, ischemia, arteriosclerosis, dermatological disease,  
digestive disorder, inflammation, rheumatism, autoimmune disease or aging.

5.      Pharmaceutical composition for regulating blood glucose level  
comprising the guaiacol family compounds shown by the formula 1 of claim 1 and the  
10   syringol family compounds shown by the formula 2 of claim 1, extracted from natural  
plant vinegar.

6.      Pharmaceutical composition for improving blood flow comprising the  
guaiacol family compounds shown by the formula 1 of claim 1 and the syringol family  
15   compounds shown by the formula 2 of claim 1, extracted from natural plant vinegar.

7.      Pharmaceutical composition for treating hangover comprising the  
guaiacol family compounds shown by the formula 1 of claim 1 and the syringol family  
compounds shown by the formula 2 of claim 1, extracted from natural plant vinegar.

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8.      Pharmaceutical composition according to claim 6 or claim 7,  
wherein the composition further comprises a green tea leaves extract.

9. Pharmaceutical composition according to claim 8,

wherein contents of the guaiacol compound, the syringol compound and green tea leaves extract are  $10^{-6}$  to 90 weight% ,  $10^{-6}$  to 90 weight% and 0.01 to 30 weight% respectively by weight based on the total weight of the composition.

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10. Pharmaceutical composition for treating atopic dermatitis comprising the guaiacol family compounds shown by the formula 1 of claim 1 and the syringol family compounds shown by the formula 2 of claim 1, extracted from natural plant vinegar.

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11. Pharmaceutical composition according to claim 10,

wherein the composition further comprises more than one herbal extract selected from a group consisted of Korean angelica (*Angelica gigas*) extract, cnidium rhizome (*Cnidium officinale* Makino) extract, liquorice root (*Glycyrrhizae Radix*) extract, hoelen (*Poria cocos* Wolf) extract, scutellaria root (*Scutellaria baicalensis* Georgi) extract, paeonia japonica extract, schizandra fruit (*Schizandra chinensis* Baillon) extract and ginger extract.

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